

Amendments to the Claims/Listing of Claims

1. (Previously Amended) A method of straightening hair, the method comprising:
- applying a composition to hair, the composition including an alkaline earth metal hydroxide and guanidine carbonate included in an aqueous solution wherein the alkaline earth metal hydroxide is selected from the group consisting of calcium hydroxide, sodium hydroxide, barium hydroxide, lithium hydroxide, and potassium hydroxide, the guanidine carbonate having a concentration of about 5.68% to about 17.06% by weight, based on the total weight of the aqueous solution;
- heating the composition and hair; and
- removing the composition from the hair.
2. (Original) The method of claim 1; wherein the alkaline earth metal hydroxide is included in an emulsion.
3. (Previously Amended) The method of claim 1, wherein the composition and hair are heated by a hooded hair dryer.
4. (Original) The method of claim 2, wherein the alkaline earth metal hydroxide has a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the emulsion.
5. (Previously Amended) The method of claim 1, wherein the composition is removed from the hair by rinsing the hair with water.
6. (Original) The method of claim 1, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.
7. (Original) The method of claim 1, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.
8. (Original) The method of claim 6, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

9. (Original) The method of claim 7, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

10. (Currently Amended) The method of claim 1, wherein the hair is rinsed with water and shampooed to remove the composition from the hair.

11. (Original) The method of claim 10, wherein the alkaline earth metal hydroxide has a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the emulsion.

12. (Previously Amended) The method of claim 10, wherein a shampoo having a pH of between 4 and 6 is used to shampoo the hair.

13. (Original) The method of claim 10, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

14. (Original) The method of claim 10, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

15. (Original) The method of claim 3, wherein the alkaline earth metal hydroxide is included in an emulsion.

16. (Original) The method of claim 15, wherein the alkaline earth metal hydroxide has a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the emulsion.

17. (Previously Amended) The method of claim 16, wherein the composition and hair are smoothed using a comb prior to heating the composition and hair.

18. (Original) The method of claim 15, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

19. (Original) The method of claim 15, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

20. (Previously Amended) A composition for use in straightening hair comprising:  
a first ingredient which includes calcium hydroxide having a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the first ingredient;

a second ingredient which includes guanidine carbonate having a concentration of about 5.68% by weight to about 17.06% by weight, based on the total weight of the second ingredient; and

wherein the first ingredient and the second ingredient are combined to produce a hair straightening composition.

21. (Original) The composition of claim 20, wherein the first ingredient is an emulsion.

22. (Original) The composition of claim 20, wherein the second ingredient is an aqueous solution.

23. (Original) The composition of claim 20, wherein heat is used to accelerate the production of the hair straightening composition.

24. (Original) The composition of claim 20, wherein the first ingredient is an aqueous solution.

25. (Original) The composition of claim 20, wherein the second ingredient is an emulsion.

26. (Original) A composition for use in straightening hair comprising:  
a first ingredient which includes calcium hydroxide having a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the first ingredient; and

a second ingredient which includes guanidine carbonate having a concentration of about 5.68% by weight to about 17.06% by weight based on the total weight of the second ingredient.

27. (Original) The composition of claim 26, wherein the first ingredient is an emulsion.

28. (Original) The composition of claim 26, wherein the second ingredient is an aqueous solution.

29. (Original) The composition of claim 26, wherein the first ingredient is an aqueous solution.

30. (Original) The composition of claim 26, wherein the second ingredient is an emulsion.

31. (Previously Amended) A method of straightening hair, the method comprising:  
combining a first ingredient and a second ingredient to produce a hair straightening composition wherein the first ingredient is calcium hydroxide having a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the first ingredient and wherein the second ingredient is guanidine carbonate having a concentration of about 5.68% by weight to about 17.06% by weight based on the total weight of the second ingredient;

applying the hair straightening composition to hair;

heating the hair straightening composition and hair; and

removing the hair straightening composition from the hair.

32. (Original) The method of claim 31, wherein the first ingredient is an emulsion.

33. (Original) The method of claim 31, wherein the second ingredient is an aqueous solution.

34. (Original) The method of claim 31, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

35. (Original) The method of claim 31, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

36. (Original) The method of claim 32, wherein the second ingredient is an aqueous solution.

37. (Original) The method of claim 32, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

38. (Original) The method of claim 36, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

39. (Previously Amended) A composition for use in straightening hair comprising:  
an alkaline earth metal hydroxide having a concentration of about 0.25% by weight to about 5% by weight based on the total weight of the composition, the composition configured to straighten hair when heated.

40. (Original) The composition of claim 39, wherein the composition is an emulsion.

41. (Original) The composition of claim 39, wherein the composition is an aqueous solution.

42. (Original) A method of straightening hair, the method comprising;

providing a composition including an alkaline earth metal hydroxide wherein the alkaline earth metal hydroxide is selected from the group consisting of calcium hydroxide, sodium hydroxide, barium hydroxide, lithium hydroxide, and potassium hydroxide,

applying the composition to hair;

heating the composition and hair; and

removing the composition from the hair.

43. (Original) The method of claim 42, wherein the alkaline earth metal hydroxide is included in an emulsion.

44. (Original) The method of claim 42, wherein the alkaline earth metal hydroxide is included in an aqueous solution.

45. (Original) The method of claim 42, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

46. (Original) The method of claim 42, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

47. (Original) The method of claim 43, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

48. (Original) The method of claim 43, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

49. (Original) The method of claim 44, wherein the composition and hair are heated to a temperature between about 81 degrees Fahrenheit and about 122 degrees Fahrenheit.

50. (Original) The method of claim 44, wherein the composition and hair are heated for a time period of between five (5) minutes and sixty (60) minutes.

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51. (New) A method of treating hair, the method comprising;

applying a composition to hair, the composition including an alkaline earth metal hydroxide and guanidine carbonate included in an aqueous solution wherein the alkaline earth metal hydroxide is selected from the group consisting of calcium hydroxide, sodium hydroxide, barium hydroxide, lithium hydroxide, and potassium hydroxide, the guanidine carbonate having a concentration of about 5.68% to about 17.06% by weight, based on the total weight of the aqueous solution;

heating the composition and hair; and

removing the composition from the hair.

52. (New) The method of claim 51, wherein the hair is substantially straightened.

53. (New) The method of claim 51, wherein the hair is substantially relaxed.

54. (New) A composition for use in treating hair comprising:

a first ingredient which includes calcium hydroxide having a concentration of about 1.21% by weight to about 3.45% by weight, based on the total weight of the first

ingredient; and

a second ingredient which includes guanidine carbonate having a concentration of about 5.68% by weight to about 17.06% by weight based on the total weight of the second ingredient.

55. (New) The composition of claim 54, wherein the hair is substantially straightened.

56. (New) The composition of claim 54, wherein the hair is substantially relaxed.

57. (New) A method of treating hair, the method comprising;

providing a composition including an alkaline earth metal hydroxide wherein the alkaline earth metal hydroxide is selected from the group consisting of calcium hydroxide, sodium hydroxide, barium hydroxide, lithium hydroxide, and potassium hydroxide,

applying the composition to hair;

heating the composition and hair; and

removing the composition from the hair.

58. (New) The method of claim 57, wherein the hair is substantially straightened.

59. (New) The method of claim 57, wherein the hair is substantially relaxed.

60. (New) A method of treating hair, the method comprising the steps of:

providing a composition including an alkaline earth metal hydroxide and guanidine carbonate wherein the alkaline earth metal hydroxide is selected from the group consisting of calcium hydroxide, sodium hydroxide, barium hydroxide, lithium hydroxide, and potassium hydroxide, the composition having a first pH;

applying the composition to the hair;

heating the composition and the hair, the composition having a second pH, the second pH higher than the first pH; and

removing the composition from the hair.

61. (New) The method of claim 60, wherein the hair is substantially straightened.
62. (New) The method of claim 60, wherein the hair is substantially relaxed.

